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PATENT

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re  
Application No. 09/773,831  
Chienchung Chang, et al.

) For:

DISTRIBUTED VOICE  
RECOGNITION SYSTEM USING  
ACOUSTIC FEATURE VECTOR  
MODIFICATION

Attorney Docket No. PA010029

Filed: January 31, 2001

) Group No. 2641

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Assistant Commissioner of Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application - Filing Date  
Granted under 37 CFR § 1.53(d), which was mailed on 03/15/2001 enclosed are:

I hereby certify that this correspondence is being  
deposited with the United States Postal Service with  
sufficient postage as first class mail in an envelope  
addressed to the Commissioner of Patents,  
Washington, D.C. 20231, on:

04/23/2001

(Date of Deposit)

Carola Emelius Swartz

(Name of the Person Making Deposit)

(Signature)

04/23/2001

(Date of Signature)

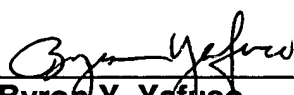
1. Office's copy of Formalities Letter as required;
2. Executed Declaration/Power of Attorney;
3. Return postcard.

Please charge Deposit Account No. 17 - 0026 of QUALCOMM Incorporated in the amount of \$130.00. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17 - 0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

A duplicate copy of this letter is enclosed.

Respectfully submitted,

Dated: 04/23/2001

By:   
**Byron Y. Yafuso**  
Agent for Applicants  
Registration No. 45,244

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 658-3868  
Facsimile: (858) 658-2502



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In Re

Application No. 09/773,831  
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ACOUSTIC FEATURE VECTOR  
MODIFICATION

Group No. 2641

REQUEST FOR CORRECTION OF OFFICIAL FILING RECEIPT

Asst. Commissioner of Patents  
Application Processing Services Branch  
Washington, D.C. 20231

Dear Sir:

Upon review of the Notice to File Missing Parts, an error on the Official Filing Receipt has been discovered. It is requested that this error be corrected and a new Filing Receipt be issued.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Asst. Commissioner of Patents, Washington, D.C. 20231, on:

04/23/01

(Date of Deposit)

Carola Emelius-Swartz

(Name of the Person Making Deposit)

(Signature)

04/23/01

(Date of Signature)

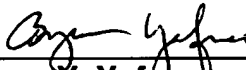
In the Applicant(s) section of the filing receipt, the Office has incorrectly indicated first named Applicant's residence as "San Diego, CA." First named Applicant, Chienchung Chang's correct residence is "Rancho Santa Fe, CA."

Applicants respectfully request that the Office corrects the Applicant(s) section to indicate the correct residence of Applicants.

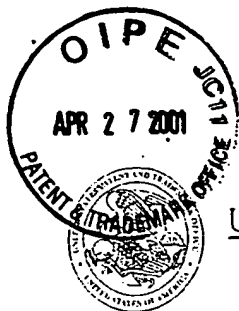
A copy of the incorrect Filing Receipt is enclosed for your convenience.

Respectfully submitted,

Dated: 04/23/2001

By:   
**Byron Y. Yafuso**  
Agent for Applicants  
Registration No. 45,244

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/773,831	01/31/2001	2641	1952	PA010029	5	49	12

CONFIRMATION NO. 7155

## FILING RECEIPT



\*OC000000005863653\*

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, CA 92121-1714

Date Mailed: 03/15/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Chienchung Chang, San Diego, CA;  
Naren Malayath, San Diego, CA;  
Byron Yoshio Yafuso, San Diego, CA;

Rancho Santa Fe, CA

## Continuing Data as Claimed by Applicant

## Foreign Applications

If Required, Foreign Filing License Granted 03/14/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

## Title

Distributed voice recognition system using acoustic feature vector modification

## Preliminary Class

RECEIVED

MAR 26 2001



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/773,831	01/31/2001	Chienchung Chang	PA010029

CONFIRMATION NO. 7155

## FORMALITIES LETTER



\*OC000000005863654\*

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, CA 92121-1714

Date Mailed: 03/15/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

05/01/2001 TBESHAH1 00000060 170026 09773831

FILED UNDER 37 CFR 1.53(b)

01 FC:105 130.00 CH

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

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*A copy of this notice MUST be returned with the reply.*

AM

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

RECEIVED  
MAR 26 2001